



## Summary of Weekly Construction Meeting

Remedial Action Construction  
Operable Unit 3, PVGCS Site

MEETING NO. 5 HELD ON: 01/15/2019

Reporting Period: 01/7/2020 to 01/13/2020

Date Prepared: 01/20/2020

### ATTENDEES:

Michelle Granger (USEPA)

Neal Kolb (USACE)

Patrick Nejand (USACE)

Luis Hidalgo (Rio Tinto)

Brad Gibson (Rio Tinto)

Bruce Scott Kennington (Ramboll)

Michael Eddings (Ramboll)

Doug Burge (Ramboll)

Scott Tarmann (Ramboll)

Jamie Cavotta (Ramboll)

Stan Popelar (Ramboll)

Ruta Deshpande (Ramboll)

1. The outstanding action items from the previous weekly construction meeting were discussed by RE-US.
  - Ramboll submitted agenda before the weekly construction meeting.
  - Ramboll submitted field monitoring instrument results and qualitative sampling results for December 2019.
  - Ramboll submitted updated EVS Model (comprising PDI-SB34 and PDI-SB35 data).
2. HEALTH AND SAFETY
  - A summary of field monitoring instrument results and sampling was provided for review.
  - No incidents or near misses were reported this period.
3. CONSTRUCTION ACTIVITIES PERFORMED DURING THIS REPORTING PERIOD (01/07/2020 to 01/13/2020)
  - Construction of HF8-9 was completed on Jan 11. The borehole was surveyed using the DeviFlex tool and borehole survey results showed that the overall deviation was within the target limit (4 ft).
  - Drilling commenced at HF8-8. Total depth of drilling: 175 linear feet at a 36° angle from horizontal.
4. CONSTRUCTION ACTIVITIES SCHEDULED FOR THIS WEEK (01/14/2020 to 1/20/2020)
  - Drilling operations and TCH well construction for Heater Group A well will continue.
5. CONSTRUCTION ACTIVITIES SCHEDULED OVER NEXT 4 to 6 WEEKS
  - 8 weeks look ahead construction schedule was submitted.
  - Installation of three Roof Top Units (RTU's) to exhaust ventilation air from the room once the engineered barrier wall is erected is planned for Jan/Feb time frame and following approval from the local New Jersey Department of Community Affairs (DCA) and contract award for this work

## 6. FIELD MODIFICATIONS

The field modification register with the current listing of modifications was provided to USEPA and USACE with the meeting agenda.

## 7. DIFFICULTIES ENCOUNTERED

- Drilling at HF12-4 was delayed due to the drill casing getting stuck at 110 feet. Seven-or eight inch override casing was not readily available to over drill and free the casing. Seven-inch 2/2 override casing is planned for delivery to the site on Jan 20. Drilling will resume at HF12-4 on Jan 20 with the arrival of the seven-inch override casing.

## 8. CONSTRUCTION SCHEDULE

- No changes to the overall construction schedule were noted.

## 9. PERMIT STATUS

- The status of permit applications submitted to the local New Jersey DCA for construction of barrier wall and roof ventilation system was discussed. The necessary permit approvals are expected shortly to enable the installation of RTU's.
- Applications for minor permit modifications, including application for discharge of treated condensate from the ISTR system and air discharge from the ISTR vapor treatment are planned for submittal to the New Jersey Department of Environmental Protection this month (Jan 2020).

## 10. UPCOMING INSPECTIONS

- None.

## 11. OPEN DISCUSSION

- USACE suggested adding descriptions to the Aconex submittals.
- Updates to the EVS model were discussed. Samples collected at PDI-SB34 and PDI-SB35 were used for treatment volume calculation refinement which showed 3-4% of volume reduction. Based on these results, overall 655 linear ft of reduction to the thermal treatment i.e. elimination of 5-6 boreholes is anticipated. More samples will be collected at heater fans HF12-2 and HF12-3 and EVS model will be updated again. Based on these results, changes to the thermal treatment alignment at northeast and southeast corner will be proposed as a major modification.

## 12. RECAP OF ACTION ITEMS

- Ramboll to send out detailed meeting agenda before each Weekly Construction Meeting.